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PATENT APPLICATION  
WNS Docket No. 14374.14

8/A  
4.30-02  
C Brown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dennis H. Runnoe

Serial No. 09/639,684

Filed: August 15, 2000

For: INTEGRAL CATHODE

Examiner: Courtney Thomas

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AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

Box: AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This communication is in response to the Examiner's Office Action mailed on October 17, 2001 (the "Office Action"). Please amend and reconsider the above-identified patent application as shown below in view of the remarks that follow.

Please amend the following:

**IN THE CLAIMS:**

Please amend claims 1, 5, 7, and 8, and add new claims 28 and 29 to read as follows:

Docket: 14374.14

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Runnoe

Serial No.: 09/639,684

Confirmation No.: Unknown

Filed: August 16, 2000

For: INTEGRAL CATHODE

Examiner: C. Thomas

BOX: AMENDMENT  
Assistant Commissioner for Patents  
Washington, DC 20231

Art Unit  
2882

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## TRANSMITTAL FOR AMENDMENT "A" AND RESPONSE

Sir:

Transmitted herewith is an Amendment A for entry in the above-identified application.

x To render the transmitted Amendment "A" timely filed enclosed are the following:

x Petition for a Two-Month Extension of Time; and

x PTO-2038 Credit Card Payment Form in the amount of \$400.00 to cover the fee for the extension of time.

x A Certificate of Deposit Under 37 C.F.R. § 1.8.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL 24	MINUS 24	= 0	X9		X18	0
INDEPENDENT 5	MINUS 3	= 2	X42		X84	168
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$168.00

- X PTO-2038 Credit Card Payment Form in the amount of \$168.00 is enclosed to cover the additional claim fee.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.
- X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- X Any patent application processing fees under 37 CFR 1.17.
- X A duplicate copy of this transmittal letter is attached.

Dated this 18<sup>th</sup> day of March, 2002.

Respectfully submitted,

*E. L. Maschoff*

ERIC L. MASCHOFF  
Attorney for Applicant  
Registration No. 36,596



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PATENT TRADEMARK OFFICE

ELM:kjb

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